Ready Michael J
Form 3/A
February 06, 2006

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
Â Ready Michael J

(Last) (First) (Middle)

400 W. CALIFORNIA AVE

(Street)

SUNNYVALE,Â CAÂ 94086

(City) (State) (Zip)

2. Date of Event Requiring Statement (Month/Day/Year)
02/06/2006

3. Issuer Name **and** Ticker or Trading Symbol
APPLIED SIGNAL TECHNOLOGY INC [APSG]

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director
_____ 10% Owner
__X__ Officer (give title below)
_____ Other (specify below)
Chief Marketing Officer

5. If Amendment, Date Original Filed(Month/Day/Year)
08/25/2005

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1.Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	3,247	D	Â

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (*e.g.*, puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of			

				Shares		(I) (Instr. 5)	
Stock Options (Right to Buy) (1)	12/15/2008	12/15/2013	Common Stock	10,000	$ 20.85	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Ready Michael J 400 W. CALIFORNIA AVE SUNNYVALE,Â CAÂ 94086	Â	Â	Â Chief Marketing Officer	Â

Signatures

Michael Ready	02/05/2006
**Signature of Reporting Person	Date

Explanation of Responses:

***** If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).

****** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) Option became exercisable as to 2,000 shares on December 15, 2004, and monthly thereafter. The option will be fully exercisable on December 15, 2008.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.
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